



Integrative Cancer Research Special Interest Group Teleconference

Microarray Repository SIG Meeting Minutes

Date, Time & Location:	August 4, 2004, 2004 2:00 – 3:00 EDT
Attendees:	Lianhong Tang – Vanderbilt Simon Lin – Duke Jennifer Shoemaker – Duke Michael Showe – Wistar Greg Bloom – Moffitt Suzanne Conzen – U of Chicago Xiomg Wang – U of Chicago Steve Marron – Lineberger Tom Moloshok – Fox Chase Michael Slifker – Fox Chase Paul Spellman – LBL Taku Tokuyasu – UCSF Lorence Juergen - SAIC Mervi Heiskanen – NCI Carl Schaefer – NCI John Powell – NCI Claire Zhu – BAH Juli Klemm - BAH
Introduction:	<u>Roll-call, open meeting, review meeting goals</u> <ul style="list-style-type: none">- Review of last meeting- caArray presentations- Open discussion- Set agenda for next meeting
Review Discussions	<u>Review discussion of last meeting</u> <ul style="list-style-type: none">- Review of Developer/Adopter activities- 2 projects to discuss in this group:<ul style="list-style-type: none">o caArray (Developed by NCICB)<ul style="list-style-type: none">• NYU, Wistar and Georgetown are the Adopters.• Other Developers who will also adopt caArray.• Update from Mervi on August user acceptance test:<ul style="list-style-type: none">- 10 sites have signed up- There will be two groups of testers. The first group will be smaller and will start August 26.- caArray release date is September 16o Thomas Jefferson – Sharing microarray data from zebrafish microarray core facility.- Data exchange in general within caBIG<ul style="list-style-type: none">o Many analytical tool developers will be consuming microarray data



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	<ul style="list-style-type: none"> ○ There are two main ways for data exchange with caArray. One is through caArray API and the other through common file format, such as MAGE - ML.
<p>Application Presentations</p>	<p>caArray</p> <p>Mervi Heiskanen gave a presentation of interfaces to caArray. The slides can be downloaded from: http://ncicbforums.nci.nih.gov/forums/cabigforum/ifs/icrlfs/SIGs/microarray_rep.</p> <p>caArray Q & A</p> <ul style="list-style-type: none"> - Does EJB API involve data compression? (Simon Lin) <ul style="list-style-type: none"> ○ No compression with EJB. Using RMI for annotations; expression data itself will be exchanged in native data formats. - How will processed data be associated with the hybridizations in caArray 1.0? (Liahong Tang) <ul style="list-style-type: none"> ○ Processed data will be filed with the experiment on the FTP server. It is a high priority for a subsequent release to support the storage of filtered and normalized data. Protocol information for describing data processing is supported in MAGE-ML. - How will CGH data be supported in caArray 1.0? Will it be difficult to make the data compliant? (Taku Tokuyasu) <ul style="list-style-type: none"> ○ A script can be provided to convert SPOT data to a GenePix format that can then be loaded. SPOT will be directly supported in the next release. With regard to making data compliant, the web forms are designed to make data entry as straightforward as possible. For this release, there will be a minimum of required fields. - Will caArray 1.0 be open source? What is the security model? (Liahong Tang) <ul style="list-style-type: none"> ○ Yes, it will be open source. With regard to security, a data set can be kept private, it can be given consortium-level access, or it can be given public access. caArray is using the NCICB security model. - Are image files supported? (Liahong Tang) <ul style="list-style-type: none"> ○ We need to know what the use cases are for how people will work with the images. - Does caArray come with data analysis tools? (L. Tang) <ul style="list-style-type: none"> ○ No. caArray is a data management system. ○ There are several tools available from the Data Analysis SIG: DWD (UNC), Vista (Georgetown) and Gene Patterns (MIT).
<p>Other Items Discussed</p>	<ul style="list-style-type: none"> - There will be an MGED programming jamboree at the MGED 7 meeting in September.: http://www.microarrays.ca/MGED/MGED7_agenda.html - A session on microarray data exchange at the face-to-face meeting should be beneficial to this SIG. - Face-to-face meeting <ul style="list-style-type: none"> ○ Email agenda feedback to Juli ○ Let Juli know who from your center will attend



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Action Items:	<ul style="list-style-type: none">○ Travel arrangements:<ul style="list-style-type: none">- Centers who have signed the Master Agreement should make their own travel arrangements.- Those not signed will go through a government travel agency.			
	Name Responsible	Action Item	Date Due	Notes
	Juli Klemm	Set agenda for next meeting	8/20/04	
Juli Klemm	Distribute meeting minutes	8/13/04		